Application/Control No. Applicant(s)/Patent under **Index of Claims** Reexamination CARLSON ET AL. 10/635,865 Examiner Art Unit Rosanne Kosson 1651 (Through numeral) Cancelled Rejected Non-Elected Appeal Α 0 **Allowed** Restricted Interference Objected

Cla	im	m Date									Cla	im	Date									Claim				Date								
	<del>-</del>	l,									Ì		<u></u>			١	1	- 1		ı					<u>_</u>		ı							
Final	Original	3012/5	1									Final	Original			ı								Final	Original		ı							
iI.	Ä	~	1									证	ij.			Į								正	ij									
		Š	_	Ш	L.,	<u> </u>	Щ		$\square$					Ц	_	_	_	$\dashv$	$\downarrow$	4	$\perp$	4	ļ				_	_		_		4	_	
	+	_		Ш	L.	<u> </u>		Ш	Ш				51	Ш		_	4	_	4	4	4	_	Ļ		101	4	_	_			_	_	_	
			<u> </u>			<u> </u>		_	$\sqcup$				52	Ш	_	_		4	4	4	_	4	ŀ		102	_	_	_		_	_	_		
			<u> </u>	Ш	_	<u> </u>	Ш	_	_	_			53		4	_	4	4	4	4	_	4	ŀ		103	_	_	_	-	_	4	$\dashv$	4	4
	1		L		_	_	Ш	Н	$\vdash$	_		-	54	$\vdash$		-	_		-	-	-	-	ŀ		104	-	$\dashv$		-		_	-		_
<u> </u>	1			<u> </u>		H	Ш		$\vdash$				55	Н	_	_	-	_	+	$\dashv$	-	4	ŀ		105	-				$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$
	<u>\$</u>	-	┝	-			H	H	$\vdash$		!		56 57	$\vdash\vdash$	$\dashv$	-		-	$\dashv$	-	+	4	ŀ		106 107	4	-+	$\dashv$		-		ᆛ	-	ᅴ
$\vdash$		-	⊢	$\vdash$	-	-	$\vdash$		Н	_			58	$\left  - \right $				-	+	+	+	$\dashv$	ŀ		107	-	$\dashv$	$\dashv$			$\dashv$	$\dashv$	-	$\dashv$
$\vdash$	8		├	$\vdash$	$\vdash$	-	-	H	$\vdash$			$\vdash$	59	$\vdash$	$\dashv$	$\dashv$		-	+	-	+	$\dashv$	ŀ		109	-	ᆉ	-	-	-	-	-	$\dashv$	ᅱ
-	10	$\vdash$	⊢	$\vdash$	⊢		$\vdash$	H	$\vdash$				60	Н	$\dashv$	$\dashv$	-	$\dashv$	$\dashv$	$\dashv$	-+-	$\dashv$	ŀ		110		$\dashv$	-	$\vdash$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$
$\vdash$	11	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$			$\vdash$	61	$\vdash$	$\dashv$		_	$\dashv$	+	+	+	$\dashv$	ŀ		111			-		$\dashv$		-	-+	$\dashv$
$\vdash$	12		$\vdash$	$\vdash$	$\vdash$	-	-	$\vdash$	$\vdash$	_			62	$\vdash$	$\dashv$		$\dashv$	$\dashv$	+	+	+	$\dashv$	ŀ		112	$\dashv$	-		-	$\dashv$		$\dashv$	-	$\dashv$
	13	1	$\vdash$		$\vdash$	-	-	$\vdash$	$\vdash \vdash$			$\vdash \vdash$	63	$\vdash$	-	-	$\dashv$	$\dashv$	$\dashv$	┥	+	<b>⊣</b> .	Ü		113	-	-		$\vdash$		-	$\dashv$	-+	$\dashv$
<b></b>	14	7	<del>                                     </del>	$\vdash$	$\vdash$	$\vdash$		<del>                                     </del>	Н	-	l		64	$\vdash$			-	$\dashv$	$\dashv$	$\dashv$	+	$\dashv$	ł		114	-	$\dashv$	-	$\vdash$		$\dashv$	$\dashv$	$\dashv$	$\dashv$
-	15	1	-	-	_	H	$\vdash$	┢	$\vdash$			$\vdash$	65	Н	_		-	ᆉ	十	┪	+	$\dashv$	ŀ		115	$\dashv$	$\dashv$	$\neg$	$\neg$		$\dashv$	$\dashv$	$\dashv$	$\dashv$
	46-	Ě	-	$\vdash$	$\vdash$	$\vdash$			$\vdash$			$\vdash$	66	$\vdash$	$\dashv$	$\dashv$	-	$\dashv$	7	┪	$\dashv$	$\dashv$	ŀ		116	$\dashv$	$\dashv$	1	$\vdash$	$\dashv$		$\dashv$	$\dashv$	-
$\vdash$	17	7	╁╴	-	_	┢	-	$\vdash$	Н	_	- ۰. بر		67	Н	_	$\dashv$		_	十	+	十	7	-		117	一	_	一				寸	$\dashv$	$\dashv$
	18	ī	H		-	<del>                                     </del>		$\vdash$	H				68	Н	$\neg$	$\neg$			_	十	_	7	: t		118	寸	ヿ	_		$\dashv$	一	寸	$\dashv$	$\dashv$
	19	Н	H		_	┢		$\vdash$		_			69	Н	$\dashv$		_	_	十	寸	十		ı		119		$\neg$							_
$\vdash$	20	H	H		<del>                                     </del>	1		П	H		-		70	П				_	$\dashv$	7	十	╡.	ŀ		120	$\neg$	寸		П	$\Box$		$\neg$		$\neg$
	21	H	T		_						1		71	П	$\neg$	$\neg$	$\neg$	$\neg$	T	$\dashv$	$\top$	7	.		121	ヿ	ヿ					T		$\neg$
	22	1	T						$\Box$	_	1		72	П	$\neg$			$\neg$			$\top$	1	1		122	$\neg$	$\exists$						一	$\Box$
	23	П	İ		Г			Г					73						П	$\neg$	T	Π.	. [		123		$\neg$				Ī	Ī		$\neg$
	24	П							П				74	П					T	T	T		[		124									$\neg$
	25	$\prod$											75												125									
	26	Π	Г								l		76										] ٠		126									
	27	Ψ											77												127			_				$\perp$		
	28	<b>✓</b>	┖					$oxed{oxed}$	Ш				78	Ш		_				$\perp$	_		ļ		128	_	$\perp$						_	
<u></u>	29	_	┖		┖			_					79						_	_	4	_	ļ		129	_	$\dashv$	_		$\Box$				
	30	_	L						Ш				80	Ш	_	_		_	_	_	_ _	4			130	_	_				_	_	_	_
<u> </u>	31	_	<u> </u>	_	_		_	<u> </u>	Щ				81			_		_	_	4	_	_	ŀ		131	_	$\dashv$	_				_	_	_
	32	_	┞	_	_	_	_	_				_	82	-	-	_	-		_	-	_	_			132	_				_	_	_	4	_
<u> </u>	33	<u> </u>	⊢	$\vdash$	<u> </u>	$\vdash$	<b> </b>				ł	<u> </u>	83	$\vdash \vdash$		$\dashv$		-	$\dashv$	$\dashv$	+	4	-		133		-	_	Ш			-		4
$\vdash$	34	-	⊢	_	$\vdash$	$\vdash$	-	$\vdash$			-		84	$\vdash \vdash$	-	_	-	-	$\dashv$	+	+	$\dashv$	}		134 135	$\dashv$	-	_	-					_
<u> </u>	35	$\vdash$	-	_	<del> </del>	$\vdash$	$\vdash$	$\vdash$	┥		ł		85 86	$\vdash$	$\dashv$	$\dashv$	$\dashv$	-	-+	+		$\dashv$	-	-	135	$\dashv$	$\dashv$	$\dashv$	$\vdash$	$\dashv$	$\dashv$	-	-	
<u> </u>	36 37	-	├-		<del>                                     </del>	$\vdash$	$\vdash$	$\vdash$	$\vdash$		ł		87	$\vdash$	-	$\dashv$	-	-		$\dashv$		$\dashv$	ŀ		137	$\dashv$	$\dashv$	$\dashv$	$\vdash$	$\dashv$				
$\vdash$	38	-	╁	$\vdash$	$\vdash$	$\vdash$	<del> </del>	-	$\vdash$	_	ł		88	$\vdash$		-		-	+	$\dashv$	$\dashv$	$\dashv$	1		138		-	-	$\vdash$	$\vdash$	$\dashv$		$\dashv$	-
$\vdash$	39	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$						<del></del>	89	$\vdash$			-		$\dashv$	$\dashv$	+	$\dashv$	-		139	$\dashv$	-	-	$\vdash$		$\dashv$	ᅱ	$\dashv$	$\dashv$
<b></b>	40	_	1	$\vdash$		-	$\vdash$	$\vdash$	$\vdash \vdash$		l		90	$\vdash$	-	$\dashv$	-	+	$\dashv$	$\dashv$	$\dashv$	$\dashv$	-		140	$\dashv$				$\dashv$		-	_	$\dashv$
<b></b>	41	-	$\vdash$	-	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	_	l		91	Н	-	$\dashv$		-	$\dashv$	+	$\dashv$	$\dashv$	ŀ		141	$\dashv$	+	$\dashv$	$\vdash$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$
$\vdash$	42	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$		$\vdash \vdash$	_	1	<del></del>	92	$\vdash$	-	-	$\dashv$	$\dashv$	十	$\dashv$	+	-	4		142		$\dashv$	$\dashv$	$\vdash$	$\vdash$	$\neg$		一	$\dashv$
$\vdash$	43	-	$\vdash$		$\vdash$	$\vdash$	$\vdash$	<del>                                     </del>	$\vdash \vdash$	_	ĺ		93	$\vdash$	寸	$\dashv$	$\neg$	-	$\dashv$	+	+	٦.	-		143	$\dashv$	$\dashv$	$\dashv$	Н	$\dashv$	$\dashv$	$\neg$	寸	$\dashv$
	44	$\vdash$	$\vdash$	$\vdash$	<del>                                     </del>	Т	Г	$\vdash$	Н	_	1		94	$\vdash$	$\neg$	_		_	十	7	$\dashv$	$\dashv$	ŀ		144		$\neg$	$\dashv$	$\vdash$		$\neg$	ᅥ	7	$\dashv$
	45	-	$\vdash$	Г	$\vdash$	$\vdash$	П		H		1 :		95	Н	一	_	$\dashv$	寸	十	7	$\dashv$	┨.	7		145		寸	┪	М			寸	ᅥ	
	46	$\vdash$	$\vdash$		l ·		Г	<del>                                     </del>	М	_	1		96	П	一	$\neg$		$\dashv$	十	寸	十	$\dashv$	- 1		146		$\neg$						_	_
	47	Г		П	Г	1			$\Box$		1		97	П		$\neg$		7	寸	_	寸	$\dashv$	-		147							$\neg$	$\neg$	
	48	Г	Γ						П		]. `.		98	П	$\neg$	$\neg$	$\Box$	ヿ		$\exists$	十	$\neg$	•		148								$\neg$	$\Box$
	49										]		99							I			1		149									
	50	Г					Γ		П				100								П	٦.			150		T					╗	٦	